

Fig. 1

SEQ ID NO: 1

GGCGCTGAAGATCGGGGCCGCTCGGCCGCAGGCCGCTCCAGCGCCGC  
GGGATGTAGCGCGGGGGACCGCGGCCCCCAGCAGAGCCCGCTGCCCC  
GCTTGTCTACCATCAGAGGGAGATCTCTGCCCCCTGGGGCTGAGAGAC  
CCCAACCTTTCCCCAAGCTGAAGCTGCAGGGTATTGAGGTACCAGCCA  
GATGTCTTCCCACAAAGGATCTGTGGTGGCACAGGGGAATGGGGCTCC  
TGCCAGTAACAGGGAAGCTGACACGGTGGAACTGGCTGAACTGGGACC  
CCTGCTAGAAGAGAAGGGCAAACGGGTAATCGCCAACCCACCCAAAGC  
TGAAGAAGAGCAAACATGCCAGTGCCCCAGGAAGAAGAGGAGGAGGT  
GCGGGTACTGACACTTCCCCTGCAAGCCCACCACGCCATGGAGAAGAT  
GGAAGAGTTTGTGTACAAGGTCTGGGAGGGACGTTGGAGGGTCATCCC  
ATATGATGTGCTCCCTGACTGGCTAAAGGACAACGACTATCTGCTACA  
TGGTCATAGACCTCCCATGCCCTCCTTTCGGGCTTGCTTCAAGAGCAT  
CTTCCGCATTTCATACAGAACTGGCAACATCTGGACCCATCTGCTTGG  
TTTCGTGCTGTTTCTCTTTTTGGGAATCTTGACCATGCTCAGACCAA  
TATGTACTTCATGGCCCCTCTACAGGAGAAGGTGGTTTTTGGGATGTT  
CTTTTTGGGTGCAGTGCTCTGCCTCAGCTTCTCCTGGCTCTTTACAC  
CGTCTATTGTCAATTCAGAGAAAGTCTCTCGGACTTTTTCCAACTGGA  
CTATTACAGGGATTGCTCTTCTAATTATGGGGAGCTTTGTCCCCTGGCT  
CTATTATTCCCTTCTACTGCTCCCCACAGCCACGGCTCATCTACCTCTC  
CATCGTCTGTGTCCTGGGCATTTCTGCCATCATTGTGGCGCAGTGGGA  
CCGGTTTGCCACTCCTAAGCACCGGCAGACAAGAGCAGGCGTGTTCTT  
GGGACTTGGCTTGAGTGGCGTCTGCCCCACCATGCACTTTACTATCGC  
TGAGGGCTTTGTCAAGGCCACCACAGTGGGCCAGATGGGCTGGTTCTT  
CCTCATGGCTGTGATGTACATCACTGGAGCTGGCCTTTATGCTGCTCG  
AATTCCTGAGCGCTTCTTTCCTGGAAAATTTGACATATGGTTCCAGTC  
TCATCAGATTTTCCATGTCCTGGTGGTGGCAGCAGCCTTTGTCCACTT  
CTATGGAGTCTCCAACCTTCAGGAATTCGGTTACGGCCTAGAAGGCGG  
CTGTACTGATGACACCCTTCTCTGAGCCTTCCCACCTGCGGGGTGGAG  
GAGGAACCTCCCAAGTGCTTTTAAAAATAACTTCTTTGCTGAAGTGAG  
AGGAAGAGTCTGAGTTGTCTGTTTCTAGAAGAAACCTCTTAGAGAATT  
CAGTACCAACCAAGCTTCAGCCCACTTTCACACCCACTGGGCAATAAA  
CTTTCCATTTCCATTCTCCTAGCTGGGGATGGGGCATGGTCAAACCTTA  
GCCATCCCCTCCTCAGCAAGGCATCTACCGGCCCCCTCACAGAGACAGT  
ACTTTGAAACTCATGTTGAGATTTTACCCTCTCCTCCAACCATTTTGG  
GAAAATTATGGACTGGGACTCTTCAGAAATTCTGTCTTTTCTTCTGGA  
AGAAAATGTCCCTCCCTTACCCCCATCCTTAACTTTGTATCCTGGCTT  
ATAACAGGCCATCCATTTTTGTAGCACACTTTTCAAAAACAATTATAT  
ACCCTGGTCCCCTCTTTCTAGGGCCTGGATCTGCTTATAGAGCAGGAA  
GAATAAAGCCACCAACTTTTACCTAGCCCGGCTAATCATGGAAGTGTG  
TCCAGGCTTCAAGTAACTTGAGTTTAAATTTTTTTTTTTTCTTGGCAG  
AGTAATGTAAAATTTAAATGGGGAAAGATATTTAATATTTAATACTAA

**Fig. 1** (continued)

GCTTTAAAAAGAAACCTGCTATCATTGCTATGTATCTTGATGCAAAGA  
CTATGATGTTAATAAAAAGAAAGTACAGAAGAGACTTGGCATTCAAAGA  
TTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Fig. 2**

SEQ ID NO: 2

MSSHKGSVVAQGNGAPASNREADTVELAE LGPLLEEKGKRVIANPPKA  
EEEQTCVPVPQEEEEEEVRVLTLP LQAHHAMEKMEEFVYK VWEGRWRVIP  
YDVLDPDWLKDNDYLLHGH RPPMP SFRACFKSIFRIHTETGNIWTHLLG  
FVLFLFLGILTMLRPNMYFMAPLQEKVVFGMFFLGAVLCLSFSWLFHT  
VYCHSEKVSRTFSKLDYSGIALLIMGSFVPWLYYSFYCSPQPRLIYLS  
IVCVLGISAIIVAQWDRFATPKHRQTRAGVFLGLGLSGVVPTMHFTIA  
EGFVKATTVGQMGWFFLMAV MYITGAGLYAARI PERFFPGKFDIWFQS  
HQIFHVLVVAAAFVHFYGVSNLQEF RYGLEGGCTDDTLL

**Fig. 3**

SEQ ID NO: 3

5'-GAGAAGGGCAAACGGGTAA-3'

**Fig. 4**

SEQ ID NO: 4

5'-CTCTTCTTCCTGGGGCACT-3'

**Fig. 5**

SEQ ID NO: 5

5'-CCCACCCAAAGCTGAAGAAGAGCA-3'